



**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 86522

**\*86522\***

Page 2

Wednesday, July 04, 2012 8:10:29 AM

Item ID: D3783-041

Accept

**\*N9000040100\***

Setup Start **\*NS1\***

Revision ID:

Item Name: Lateral Brace Assembly

Stop **\*NS2\***

Start Date: 7/4/2012 Start Qty: 2.00

**\*2\***

Cust Item ID:

Required Date: 7/6/2012 Req'd Qty: 2.00

**\*2\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID Tool # Plan Code Accept Qty Reject Qty Reject Number Insp. Stamp

124

Grey Sandtex(Ref:4.3.5.6) per QS1005 4.3

0.00

**\*124\***

Powdercoat

Memo

0.00

Powder Coating

\*\*\*Mask inside D3765-1 clevis\*\*\*

POWDER COAT:

Start Time:

Oven Temperature:

Finish Time:

Black  
Sandtex  
2:00  
3200 F  
2:30

2X ~~Ø~~ m-k 12/07/04

127

QC3- Inspect Part Finish

0.00

**\*127\***

QC

Memo

0.00

Quality Control

2 Ø 12/12-7-4.

130

Identify as per dwg & Stock Location:

0.00

**\*130\***

Packaging

Memo

0.00

Packaging

Ø 12/07/04

m121279

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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**NOTE:** Date & initial all entries

**Work Order ID 86522**

Wednesday, July 04, 2012 8:10:29 AM

**\*86522\***

Page 3

Item ID: D3783-041

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Item Name: Lateral Brace Assembly

Stop **\*NS2\***Start Date: 7/4/2012 Start Qty: 2.00 **\*2\***

Cust Item ID:

Required Date: 7/6/2012 Req'd Qty: 2.00 **\*2\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

140

QC21- Final Inspection - Work Order Release

0.00

**\*140\***

QC

Memo

0.00

Quality Control

OK 12/7/16

MF  
12-07-05

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries

# Picklist Print

Wednesday, July 04, 2012 8:10:28 AM

Page 1

Work Order ID: 86522

Parent Item: D3783-041

Parent Item Name: Lateral Brace Assembly

Start Date: 7/4/2012

Required Date: 7/6/2012

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A 08-05-19 new issue DD verified by:ec  
IPP Rev:B 08-06-17 rev.a as per dwg DD verified by:EC IPP RevC: add powder coat for ease of  
manufacturing DD 10.01.13 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN5-13A Bolt		Purchased	No			110	Each	86.0000	2	4		7/12/07/04	
						<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>					
						GA	10						
						116003	10						
						ST338	76						
						108167	8						
						118983	2						
						121181	50						
						15928	16		4				
AN960JD516 Washer	NAS1149D0563J	Purchased	No			110	Each	12.0000	4	8		7/12/07/04	
						<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>					
						ST338	12						
						2612	12						
D3765-1 Clevis		Manufactured	No			110	Each	8.0000	2	4		7/12/07/04	
						<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>					
						ST243	4						
						83374	4						
						ST250	4						
						81698	4		4				
D3769-1 Tube		Manufactured	No			110	Each	8.0000	1	2		7/12/07/04	
						<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>					
						ST251A	8						
						86038	8		4				

LD 1114586  
1118546 (8x)

**Dart Aerospace Ltd**

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
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**NOTE:** Date & initial all entries



# Picklist Print

Wednesday, July 04, 2012 8:10:29 AM

Page 2

Work Order ID: 86522

Parent Item: D3783-041

Parent Item Name: Lateral Brace Assembly

Start Date: 7/4/2012

Required Date: 7/6/2012

Start Qty: 2.00

Required Qty: 2.00

MS21042L5

Purchased

No

110

Each

1,224.0000

2

4

Nut

## Location

## Loc Qty

## Loc Code

300

500

121652

500

ST300

724

108827

4

116105

5

116548

43

117611

2

119109

658

17651

4

2937

8

*[Handwritten signature]*  
7/12/07/04

4

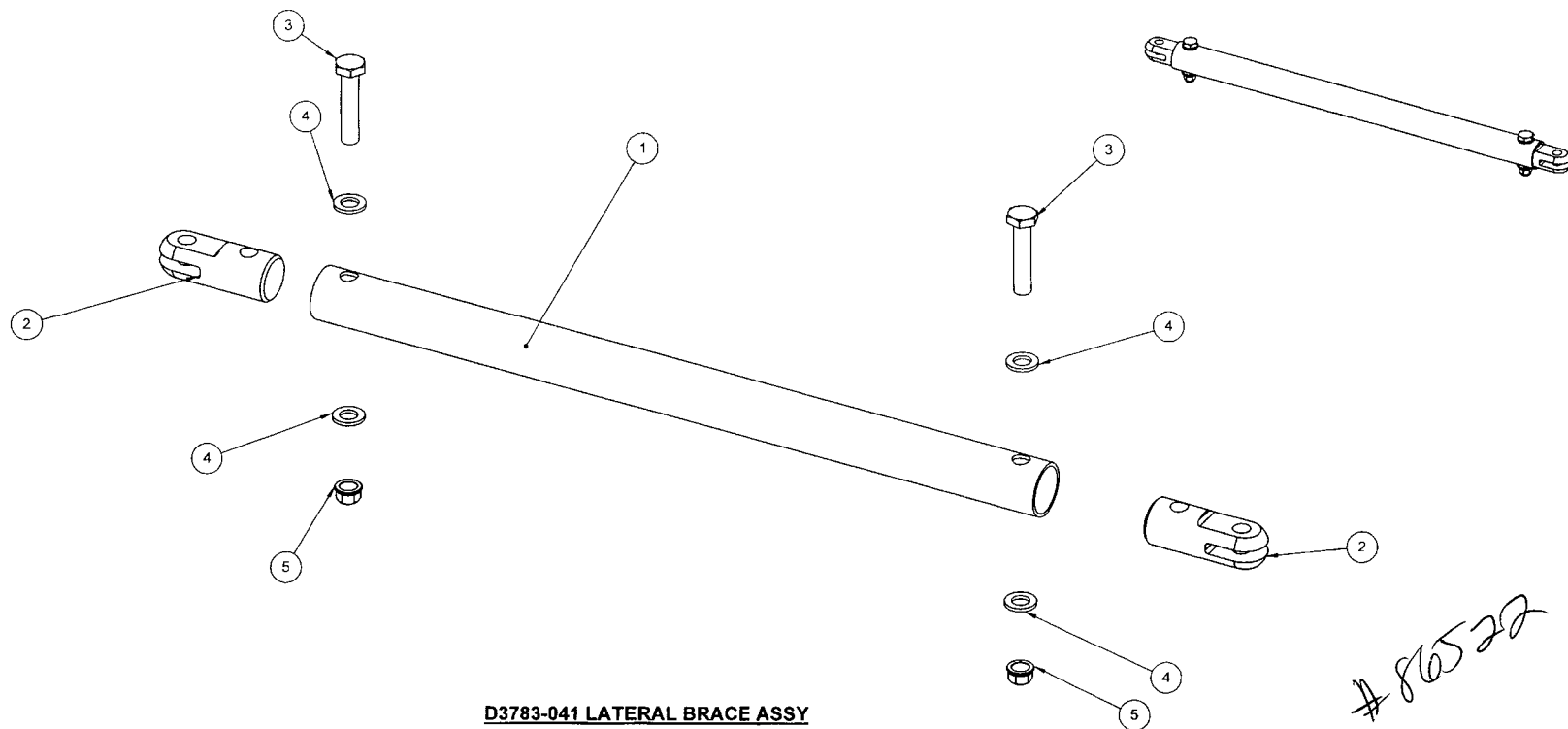
**Dart Aerospace Ltd**

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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**D3783-041 LATERAL BRACE ASSY**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-041)
1	D3769-1	TUBE	1
2	D3765-1	CLEVIS	2
3	AN5-13A	BOLT	2
4	NAS1149D0568J	WASHER (AN960JD516)	4
5	MS21042L5	NUT	2

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.52 lbs

**RELEASED**  
08.06.04

A		NEW ISSUE		HS	08.06.04
REV	DESCRIPTION			BY	DATE
DESIGN	HS	DART AEROSPACE LTD			
DRAWN	HS	HAWKESBURY, ONTARIO, CANADA			
CHECKED		DRAWING NO.	REV. A		
MFG. APPR.		D3783	SHEET 1 OF 3		
APPROVED		TITLE	SCALE		
DE APPR.		BRACE ASSEMBLY	NTS		
DATE	08.06.04				
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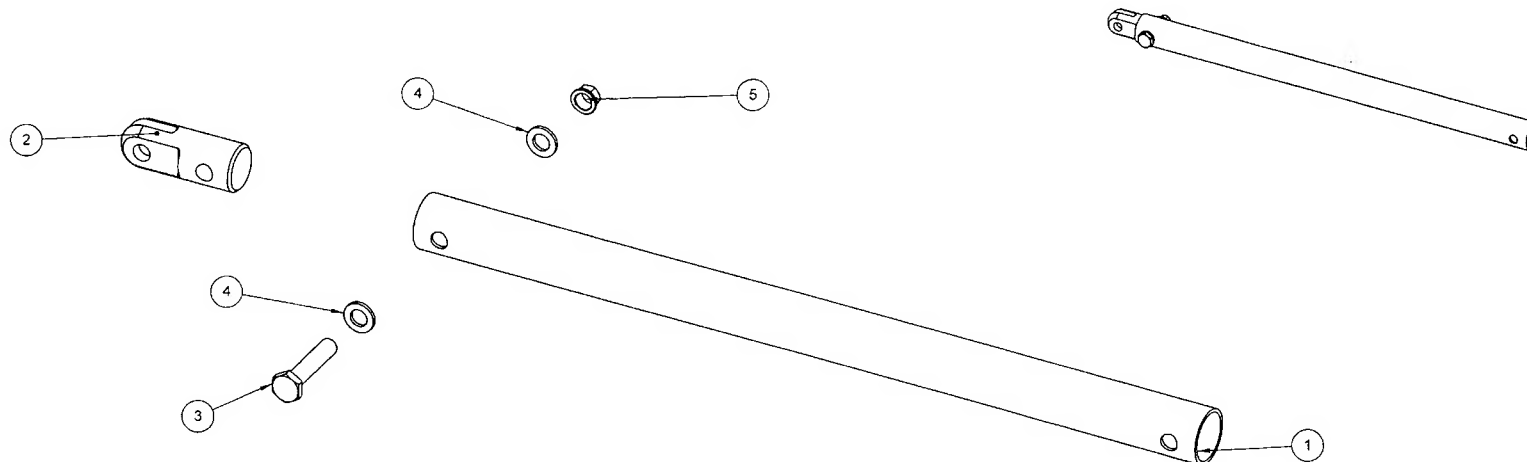
**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**D3783-043 LONGITUDINAL BRACE ASSY**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-043)
1	D3769-3	TUBE	1
2	D3765-1	CLEVIS	1
3	AN5-13A	BOLT	1
4	NAS1149D0568J	WASHER (AN960JD516)	2
5	MS21042L5	NUT	1

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.41 lbs

DESIGN	HS	<b>DART AEROSPACE LTD</b>	
DRAWN	HS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	<b>D3783</b>	SHEET 2 OF 3
APPROVED	<i>[Signature]</i>	TITLE	SCALE
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#86522

**RELEASED**  
OK 12-16-14

# Dart Aerospace Ltd

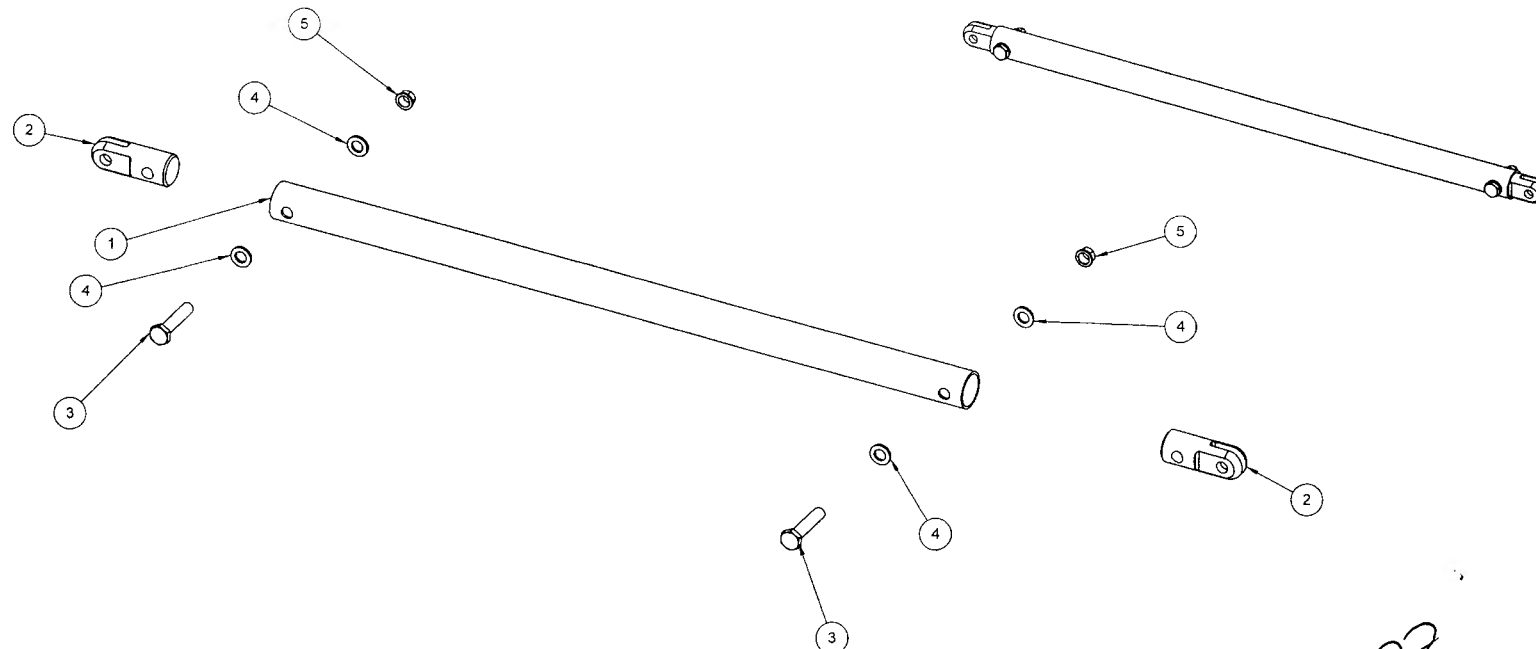
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Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**D3783-045 ANGLE BRACE ASSY**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-045)
1	D3769-5	TUBE	1
2	D3765-1	CLEVIS	2
3	AN5-13A	BOLT	2
4	NAS1149D0568J	WASHER (AN960JD516)	4
5	MS21042L5	NUT	2

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.63 lbs

DESIGN	HS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA
DRAWN	HS	
CHECKED	<i>[Signature]</i>	DRAWING NO. <b>D3783</b>
MFG. APPR.	<i>[Signature]</i>	REV. A SHEET 3 OF 3
APPROVED	<i>[Signature]</i>	TITLE <b>BRACE ASSEMBLY</b>
DE APPR.	<i>[Signature]</i>	SCALE NTS
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*#86522*

**RELEASED**  
*[Signature]*

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